

COMPUTER METHOD AND APPARATUS FOR DETERMINING
CONTENT TYPES OF WEB PAGES

ABSTRACT OF THE DISCLOSURE

Computer method and apparatus determines content type of contents of a
5 subject Web page. A predefined set of potential content types is first provided. For
each potential content type, there are one or more tests having test results that enable
quantitative evaluation of the contents of the subject Web page. A respective
probability of each potential content type being detected in some contents of the subject
Web page is determined. A Bayesian network combines the test results to provide
10 indications of the types of contents detected on the subject Web page. A confidence
level per detected content type is also provided. A database stores the determined
probabilities and confidence levels, and thus provides a cross reference between Web
pages and respective content types of contents found on the Web pages.

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